

APPENDIX

Changes to Claims:

Claims 13-16 are added.

The following are marked-up versions of the amended claims:

3. (Amended) A method of ion attachment mass spectrometry as set forth in claim 1 ~~or~~ 2, wherein a quantitative value is calculated for said each component using sensitivity corresponding to the total pressure during measurement.

4. (Amended) A method of ion attachment mass spectrometry as set forth in claim 1 ~~or~~ 2, wherein the total pressure during the measurement is set within an allowable fluctuation of total pressure.

8. (Amended) An apparatus for ion attachment mass spectrometry as set forth in claim 6 ~~or~~ 7, further provided between said reaction chamber and said analysis chamber with a differential evacuation chamber of a reduced pressure atmosphere for connecting said two chambers in a vacuum state.

12. (Amended) An apparatus for ion attachment mass spectrometry as set forth in claim 10 ~~or~~ 11, wherein

the allowable fluctuation of total pressure is calculated from a rate of change of sensitivity corresponding to the total pressure of said reduced pressure atmosphere during the measurement and a required quantitative error value.

09670736-060101